

WHAT IS CLAIMED IS:

1. A hydraulic multi-way valve device including:  
a support structure for said of said valve device;  
a first body, mounted stationary onto said support structure;  
a plurality of channels connected to a plurality of holes made in said first body;  
a second body, rotatably mounted in coaxial relation and direct touch with said first body, so that said second body can rotate with respect to said first body;  
a groove made in said second body and set alternatively in communication with said channels;  
operating means acting on said second body for rotating it with respect to said stationary first body;  
means for adjusting the pressure applied by said second rotating body onto said first stationary body, operated by an operation fluid.
2. A valve device according to claim 1, wherein said operating means include a shaft mounted concentric within said first body and second body and joined to said second body, said shaft being rotated by driving means to cause rotation of said second body with respect to said first stationary body.
3. A valve device according to claim 2, further including a plate, removably fastened to the end of the shaft and joined to said second body by coupling means.
4. A valve device according to claim 2, wherein said adjusting means include at least one close chamber, delimited by said

support structure of the valve device and by a portion connected to said shaft, which chamber can be filled with said operation fluid under pressure, so that the shaft is pulled, thus pressing said second rotating body onto said first body.

5. A valve device according to claim 4, wherein said closed chamber is delimited by said support structure and by driving means connected to said shaft.

6. A valve device according to claim 4, further including a feeding duct, made in said shaft, leading to said closed chamber for conveying said operation fluid.

7. A valve device according to claim 4, wherein said operation fluid entering said closed chamber passes through at least one proportional adjustment valve, which allows adjustment and keeps the pressure inside said closed chamber, said proportional adjustment valve being set on a branching originating upstream of at least one shutoff unit for allowing or preventing the feeding of corresponding pneumatic actuating means.

8. A valve device according to claim 3, further including elastic means, interposed between said plate and said second rotating body, to stabilize axially the shaft.

9. A valve device according to claim 3, wherein a rigid connection, with respect to rotation, between said plate and said shaft is obtained by means of a pin suitably interposed therebetween.

10. A valve device according to claim 3, wherein said coupling means include at least one protrusion, connected to said plate for introducing into a corresponding notch made in said second rotating body, so as to drive said second rotating body.

11. A valve device according to claim 1, wherein said driving means include a toothed wheel, keyed onto said shaft and aimed at meshing with a rack to drive said shaft into rotation.

12. A valve device, according to claim 4, wherein said closed chamber has ring-like shape.

13. A valve device according to claim 1, wherein said operation fluid, for operating said means for adjusting the pressure applied by said second rotating body onto said first stationary body, is gas.

14. A valve device according to claim 11, wherein said operation liquid is compressed air.

15. A valve device according to claim 1, wherein said channel is connected to a member pumping said liquid substances, and in that said pumping member is alternatively set in communication, by means of said pumping channel, with said channels aimed respectively at sucking said liquid substances from a feeding tank and at sending the liquid substances to delivering means.